December 11, 1987 Issue 416

DXpedition News

Heard Is. - VKØHI Dave has been worked in a list operation on 14250 kHz at Ø400Z (list taken at Ø330Z.) QSL to VK3EVN, Noel Shaw, 64 Orona Dr., Watsonia, Victoria 3087, Australia (Dave's dad.)

Nepal - 9N The Colvins move their Yasme DXpedition to Nepal starting Dec. 25. They'll be there at the same time as the Japan UNICEF Ham Club 9N5YDY operation.

Netherlands Antilles - PJ John W1BIH will put PJ2/ in front of his call again this winter, from Jan. 10 through mid-April, 1988. John is always very active on all bands, and he'll import some hired guns to help him in the ARRL Tests as PJ9J. QSL via W1AX, who also has John's logs going back to 1982.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Cocos-Keeling - VK9Y Steve 9V1WZ has provided more details on his VK9YE operation now through Dec. 15. He's taking a 3-element sloper for 80 and will be operating on 3695 or 3795 kHz, listening up, at his sunset: 1150Z. This should be an especially good time for the East Coast and Midwest, thanks to grayline propagation. He'll also try 75 at his sunrise, around 2300Z. Between these times, he'll be on 40 at 7065 or 7080 kHz, listening up, and 20 meters looking for North American stations 1100-1500Z. During his daylight hours, he'll be on 15 Meters, especially after 2300Z. Steve will also try the ARRL 10 meter test. QSL to VE3MMB.

OH5VD will operate as VK9YD Dec. 22-28. He'll also be on Christmas Is. as VK9YD/VK9X Dec. 19-22, and Dec. 29-Jan. 1. QSL to his home callsign.

Morocco - CN Steve CN8FC is getting his antennas up, and is quite active (see Bandpass.) QSL to WA4QMQ.

Geneva - 4U1ITU George K8GG will try to operate 4U1ITU Dec. 12-14, 05-0700Z, concentrating on the low bands. Watch 1830 kHz listening up, 80 CW, and the DX window on 75 meters. QSL 675 Riverside Dr., Battle Creek MI 49015 (not previous address.)

Amsterdam Is. - FT-Z FT5ZB is very active on 40 and 20 meters, Try 7008 kHz at 13-1400Z, and 20 at Ø300Z.

Syria - YK OH6XY/4U is in the Golan Heights, which counts for Syria for DXCC. QSL to OH3TY. See Bandpass for details.

DXCC News

Jim KN4F took Alan's TU4BR/5U7 license to Newington, and the documents were accepted. The TU4BR/5U7 now counts for DXCC. Alan returns to Niger soon.

As expected, the DXAC voted in favor of accepting **Aruba** P4 as a new country for DXCC, by a 14-1 vote. Assuming the Hq. Awards Committee agrees, the country count will rise to 318 soon. The DXAC did not vote on the start date for the new country status for Aruba, but logically it should be the date of independence: Jan. 1, 1986.

Also as expected, the DXAC overwhelmingly defeated a proposal to roll back the start date for CW DXCC to 1945, again by a 14-1 vote.

The DXAC will vote in mid-December whether to add Western Sahara to the DXCC list, reactivate Rio de Oro, or do nothing in the matter.

Some members of the DXAC met in Berkeley, California recently to put the final touches on the DXCC restructuring proposal. Their report will be released at the ARRL Board meeting in January.

Shortly Noted

- JX8XY will be active Dec.-Mar., 1988.
- DJ6SI and DK9KX have postponed their Somali - T5 operation until next year.
- Special Winter Olympic prefixes Jan. 1-Feb. 29 include VX1-8 for VE1-8, CJ1 for VO1, CJ2 for VO2, and CH1 for the Yukon. Thanks NCDXC's The DXer.
- A22EE is on 28406 at 1430Z most days. QSL Private Bag 38, Selebi Phikwe, Botswana.
- BV2B is back on the air, especially 20 meters.
- TA2L is looking for US QSLs (!). Watch 21243 kHz at 1500Z. QSL direct to Ustun Kizilay, Box 430, Ankara, Turkey.
- BY9GA has been worked on RTTY at Ø130Z on 20 meters. That's CQ Zone 23.
- OD5NG is indeed NG. He's not listed as a current Lebanon licensee.

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
December		Date	Flux	A	K	Date	Flux	A	K
11	Low Normal	11/14	94	18/23	3	10/17	107	16/21	4
12	High Nor	11/15	96	10/14	2	10/18	107	07/08	1
13	High/Above	11/16	97	08/--	1	10/19	101	05/09	3
14	Above Nor	11/17	99	02/06	1	10/20	97	03/12	2
15	Above Nor	11/18	102	01/08	2	10/21	90	10/20	2
16	High Nor	11/19	109	12/17	2	10/22	89	04/09	1
17	High Nor	11/20	115	08/15	3	10/23	88	10/17	2
18	High Nor	11/21	118	09/11	0	10/24	88	14/29	3
19	High/Above	11/22	121	08/10	2	10/25	93	10/43	3
20	Disturbed	11/23	118	27/47	3	10/26	98	10/18	2
21	Below Nor	11/24	112	24/29	4	10/27	107	20/46	4

Thanks N4XX and KH6BZF

Propagation Watch

The sun is giving DXers an early Christmas present. The propagation forecast for the next couple of weeks looks very good, with high flux levels and low absorption expected. Look for solar flux to peak around Dec. 20-21, after rising slowly for the next two weeks. Unfortunately, we also expect higher absorption about that time, which may counteract the effects of the high flux levels. The A index should stay quite low until then, so look for good to excellent band conditions for most of the rest of December.

The solar flux is not expected to dip below 100 for the rest of the year, which should provide fine high band propagation. 20 meters will stay open far into the darkness hours. 15 meters will be open throughout the daylight hours, often with world-wide propagation. And even 10 meters should open on the high latitude paths occasionally.

If absorption stays as low as it did in November, we can also look forward to good conditions on the lower bands. The big burst of low-band activity chronicled in this week's Bandpass reflects numerous contest DXpeditions and guest operators, but both 80 and 160 meters are showing signs of superior winter propagation.

At this stage in the sunspot cycle, individual sunspot regions are relatively short-lived, and often don't survive the transit across the back side of the sun. For example, Region 4891 came out of nowhere on Nov. 16, grew into a large region with a sunspot count of 49 on Nov. 23, and faded out almost completely before disappearing around the back of the sun on Nov. 28. This makes propagation forecasting difficult, as most forecasts are based on the recurrence of propagation from the last solar revolution, 27.5 days before. The informed DXer always checks WWV at 18 minutes after the hour for the latest solar data.

Band Country Totals Wanted

What are your band country totals? For its semi-annual listing, The DX Bulletin wants your totals by the end of the year. Send breakdown by band of current DXCC countries only to Box 50, Fulton CA 95439. These should be confirmed contacts. We won't add WARC band totals this time. Send in your scores today.

Bandpass cont. from page 3

7P8DP	28320	1651	21	CA	TR8SA	28498	1172	15	CA
A22EE	28406	1435	22	WI	TU2QQ	28560	1653	26	PA
DU9RG	28450	2324	15	CA	VP8BKK	28495	1807	15	CA
EA9PY	28563	1630	26	OH	VY1BD	28535	1945	2	CA
FR5DX	28535	1534	26	CT	Z21GH	28442	1625	26	OH
KH3/ KL7LF	28464	2135	26	MD	Z21GO	28565	1165	26	PA
					Z21GU	28525	1745	29	OH
P29DE	28410	0116	17	CA	Z23JO	28517	1430	26	OH
ST2/ PAØGAM	28552	1600	27	CT	ZL7IX	28528	2222	23	MD
					ZS3PQ	28575	1600	29	MA
					ZS3AT	28490	1833	15	CA

QSL INFORMATION

QSL Help Wanted

- XF4L, Nov. 29, 1986, for WØHV
- TU2QU/3X4 and WD5BJT/KP5 for WØYVA/4
- 5L7U from CQWW CW 1987, for N8GGI
- 4U1ITU for Oct. 23, 1983; 3A3AA in Jan., 1986; and TG9YV for PY2KP
- 9L1CA in 1978, ZE6JC in 1978, A61XL in 1987, and FR4EA for WB8SFF

QSLs Received

- Direct: KH6JEB/KH7 8P9GQ EA9AM VA3T PAØGAM/ST2 1AØKM HSØB FH8CB (19 days) 7P8DP
- Manager: UO5OG JT1BG/5 (both via W7PHO) AP2SQ (via W3HNK) KH2D KH9AC 4U1UN A4XJV 5B4SA NP4TB/KP5 T32BM ZD7JD TU4BR/5U7
- Bureau: UJ8JCQ (20 mos) CQ8CQ (30 mos) CN2AQ (12 mos) NØJN/DU7 (11 mos) HG19HB (30 mos)

QSL Information

QSL	Via	QSL	Via
EA9EA	EA7LQ	9N1MM	N7EB
V31A	KBØU	9Q5DA	KC4NC
VP8BNO	G3LZQ	9Q5FF	WA9PCI
7P8DP	W8MPW	9X5NH	DJ6EA
8AØIT	YBØDOG	9M2HB	AA6BB
8P6RE	KC3EK	9L1GG	N4DW
9H1FBS	N5APW	9H3DX	DF2UU
9J2EZ	I4FGG	HX5ZP	F6URA

Callsign	QSL Address
DU3BAA	Box 390, Green Hills Metro Manila, Philippines
DU8DAN	Box 101, Cotabato City 9301, Philippines
HA5KDQ	Magyar Balazs HA5AWH, Box 80, Budapest, H-1581, Hungary
HA5KDX	same
HG5A	same
TA3D	Yasar, Box 384, Izmir, Turkey
TA4A	Box 88, Aydin, Turkey
TU4CO	B. P. 54, Abidjan 10, Ivory Coast
VP8BKK	Bob, Box 260, Mt. Pleasant, Falkland Is.
YN3CC	Box 2971, Managua, Nicaragua
7P8DX	Box 333, Maseru, Lesotho

FR5DX/FRØFLO

Many readers have asked how to get a QSL card out of Herik. He has one of the worst QSL records of any active station, and is a constant source of frustration for DXers. W1NG recently received cards from Herik for FRØFLO/J (Sept. 1981) and FHØFLO (Sept. 1982), but only on his fifth try. One attempt even included a $5 bill. Herik signed and returned the registered mail reply card, but didn't QSL. Anyone have any suggestions for prying a card out of FR5DX?

RTTY DX Mailbox Shut Down

The VK2AGE AMTOR "mailbox" has been shut down, due to complaints from Australian amateurs. The mailbox was a very popular gathering point for RTTY DX information for digital DXers around the world. Unfortunately, some VK amateurs felt that the mailbox violated Australian rules about third party traffic. Other administrations have taken the viewpoint that current amateur radio information does not constitute "third party traffic," but the Australian PTT took a narrow interpretation, and ordered VK2AGE to restrict access to the mailbox to amateurs from countries with which Australia has a third party agreement. VK2AGE was unable to modify his software to meet this requirement, and so he shut down the system. He urges DXers to contact the Australian licensing authorities to protest the interpretation. Address: GPO Box 5412CC, Melbourne 3001. (TNX KT1N.)

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
3V8CE ?	14091	1730	29	ND
4K1LPK	14080	2033	22	CA
9Q5BG	21091	1615	28	ND
9Y4DG	14086	2320	28	OH
A22BW	28083	1650	29	OH
BVØRY	14090	0110	29	CA
EA8ZO	14090	1750	17	ND
GI3YMT	21092	1555	28	ND
HC1CW	14087	2300	28	OH
HKØ/N3JT	14090	2236	24	CA
HKØBKX	14092	1330	4	MA
HK1LDG	14086	2100	29	MA
HP1FFR	14092	2240	28	OH
IT9EPK	14092	1755	3	CA
J6LRT	14090	2100	29	MA
JA8EAT	14083	2240	17	ND
KP4BJD	14080	2339	2	CA
PZ1DZ	14099	2055	22	MO
TG9VT	14080	2340	2	CA
TG9VT	28090	1650	29	OH
TI2BFN	14086	0035	4	CA
TI2CE	14092	2323	26	CA
TI8ZB	14081	2220	29	OH
TR8JLD	21095	2043	22	MO
UW1YY	14088	1745	1	CA
VU2NR	14091	0135	4	CA
WP4GPZ	28107	1720	29	OH
YB2BLI	21090	2240	27	ND
-----160 Meters-----				
9Q5NW	1850	0125	27	AL
CO2PY	1832	0449	27	CT
CT1AOZ	1837	0730	21	MA
D44BC	1839	2200	21	MD
EA6NB	1832	0503	21	MA
EA8AAU	1834	2200	18	MA
G3SZA	1834	0350	26	ME
KX6DC	1831	1200	20	MD
OL5BSN	1838	0525	21	MA
ON4UN	1832	2206	22	MD
P4ØGD	1832	0140	24	ME
RB5BA	1837	1235	19	MA
TI2CC	1838	0227	20	MO
VK3QI	1834	1143	23	AL
VO2GD	1841	0205	18	MA
VP2M/ K8GL	1836	0204	27	AL
	The Last Resort			
VP5/ K6ANP	1828	0510	27	CT
ZS5LB	1834	0245	24	ME
-----80 Meters-----				
3B8CF	3507	2348	18	MA
3B8CF	3507	1424	5	CA
4U/OH6XY	3501	0207	30	CT
5H3BH	3500	0320	26	CT
5NØ/ JG1FVZ	3503	0020	19	MA
9M6ZR	3503	1441	2	CA
9Q5NW	3507	0412	3	CA
9V1TL	3514	2123	19	MA
9V1XE	3509	1417	4	CA
CN8FC	3506	2120	21	MA
D44BC	3508	0640	26	MT
HI8LC	3504	2232	1	FL
HSØA *	3508	2245	28	MA
HZ1AB	3502	1434	5	CA
HZ1HZ	3511	0218	28	MA
JA5DQH	3504	1141	22	NH
PJ2/K1XM	3507	0101	27	NH
ST2/ PAØGAM	3501	0020	24	NH
TA2A	3501	2300	24	NH
TR8JLD	3510	0445	3	CA
UQ2GM	3515	0550	29	OH
V31EE	3505	0425	25	OH
VE2LJ	3507	0121	3	FL
VK9NS	3505	1101	26	NH
-----75 Meters-----				
3A2EE	3799	0426	26	PA
EA6SX	3799	0412	29	PA
EA9IE	3799	0325	28	PA
V85BA	3793	1430	27	CA
-----40 Meters-----				
3B8CF	7007	0250	1	OH
4K1F	7001	0430	22	MO
4U/OH6XY	7002	0218	30	FL
5H3BH	7001	1450	1	OR
9Q5DA	7013	0455	1	MO
A4XJZ	7004	0319	1	FL
BY4WNG	7000	1403	30	OR
CN8FC	7002	0010	22	AL
D44BC	7003	0149	1	MA
FT5ZB	7007	1400	30	OR
HZ1AB	7002	1403	27	MN
HZ1HZ	7016	0140	25	OH
J6LRR	7275	0058	3	MA
KH3/WY5L	7005	0555	1	CA
PYØFF	7014	0218	18	ID
RGØG	7004	2200	19	MA
RM8MF	7005	0211	22	MO
RZ9OWA *	7011	0313	30	OR
ST2/ PAØGAM	7001	0030	20	MO
SU1AH	7005	0445	1	MO
TA3D	7004	0255	3	VA
TR8JLD	7016	0200	22	ID
UA9OF	7001	0216	2	FL
UP7A	7005	0326	27	NH
UR1RWN	7007	1433	23	ID
VS6DO	7002	1150	1	OH
VS6UO *	7008	2145	23	MA
ZK1TB	7012	0500	22	MO
ZS2LR	7008	0315	24	CT
ZS4/ VE3FXT	7000	0245	24	OH
ZS5WT	7015	0310	21	ID
-----30 Meters-----				
VK5KL	10101	2001	26	CT
-----20 Meter CW-----				
3V8CE ?	14092	1709	29	MN
4K1C	14011	1916	11	MA
4K1F	14009	0155	3	VA
4S7EA	14010	0125	26	CA
5B4TI	14004	1613	28	OR
5H1HK	14002	1721	28	OR
9M2FZ	14015	2246	22	WI
9M6ZR	14027	0013	1	TN
BY1QH	14027	0125	23	MO
BY9GA	14025	0030	23	MO
FT5ZB	14004	0035	3	VA
HZ1AB	14014	1328	27	FL
JT/OK1XC	14003	0224	28	CA
LU1ZA	14017	0135	25	CA
LU5EVB/Z	14039	0147	26	OR
PYØFF	14006	2052	28	OR
R1BL	14028	1405	22	NH
RA1OX	14029	1232	19	MA
ST2/ PAØGAM	14025	1920	19	MA
T32AF	14009	0059	23	OR
U1P/ UA1OIL	14031	2040	20	NH
U4PW	14043	1250	19	MA
U5XX	14038	1220	19	NH
UH8Y/ UH9BWD	14030	1238	18	MA
V21AU	14022	2220	24	CT
VP8BNW	14003	0100	4	VA
VU2GSM	14007	1230	2	VA
ZK1TB	14032	0405	21	FL
-----20 Meter SSB-----				
3A2LF	14209	1507	29	CA
4S7EA	14172	0140	26	CA
4S7NB	14202	1254	25	MD
5N1MRE	14209	2100	21	PA
5N8KBM	14160	2230	30	OR
5T5NU	14182	2036	28	VA
5T5RA	14160	2345	27	OR
5V7SA	14180	2225	2	VA
5V7WD	14158	2151	16	MD
5X5GK	14183	2010	30	VA
6W6NJ	14235	2145	26	DE
9N1MM	14235	0048	19	MD
9Q5FF	14160	2130	29	OR
A22RB	14160	2225	2	VA
A61AB	14243	0105	1	NC
A71BK	14211	1326	19	MD
A92BE	14165	1330	29	DE
A92BE	14218	0530	4	VA
A92EM *	14185	1438	21	CA
AP2SQ	14206	1349	28	MD
BY1QH	14240	0113	19	MD
BY4RB	14177	0057	20	MD
C9MKT	14156	1940	26	OH
FH8CB	14160	2310	28	DE
FR5ZN	14160	2305	26	DE
FT5ZB	14205	0410	4	VA
H44JA	14165	1220	19	MA
HZ1AB	14169	1615	19	CA
J28DN	14226	2047	13	FL
JW5E	14226	2230	2	VA
JY3ZH	14223	1304	25	MD
KHØAC	14226	2134	28	MD
LU5EVB/Z	14184	0154	26	OR
PYØFF	14213	2315	20	CA
PYØFF	14160	0300	4	VA
RAØFA	14225	0047	25	FL
S92LB	14183	2005	30	VA
TA2/ N4EXR	14216	1630	26	MI
TA2C	14210	1632	26	CA
TL8DN	14160	2225	25	DE
TR8JLD	14160	2150	25	FL
TU2QQ	14214	0409	26	CA
TU4CQ	14160	2128	30	OR
TZ6MG	14160	2219	28	OR
VKØHI	14215	0400	4	VA
VK9YH	14200	1500	30	CA
VK9YS	14195	0125	26	MD
VK9YV	14195	0119	27	NC
VK9YX *	14192	1307	26	MD
VP8QG	14210	0132	20	MO
VR6TC	14177	0110	25	MD
VR6YL	14178	1730	24	MT
VU2NP *	14221	1311	25	MD
VU2NR *	14176	0145	26	CA
ZD7JD	14208	2345	20	CA
ZD8MG	14200	2102	17	MA
ZK1XS	14309	0257	3	OR
ZS21RSA	14195	0411	2	CA
ZS3N	14160	2238	28	OR
-----15 Meter CW-----				
4U/OH6XY	21042	1360	26	NH
CEØFFD	21017	2229	30	FL
OI3AX	21114	1335	17	NH
SO7BWI	21023	1350	19	NH
TU4CO	21010	1935	30	VA
V85TT	21026	2315	26	CA
VKØML	21027	2243	29	VA
YJØA	21032	2050	28	VA
YN3CC	21026	2158	26	CA
Z21GY	21021	1940	30	VA
ZK1TB	21008	1919	24	MT
-----15 Meter SSB-----				
3XØA	21255	1800	27	CT
4U1ITU	21275	1141	26	FL
5H3MO	21265	1745	17	MA
5H3RB	21284	1907	28	MA
5L8BS	21236	1950	27	CA
5T5HH	21246	1944	27	PA
5T5NU	21345	2015	27	FL
7P8EP	21216	1850	30	VA
7P8PD	21307	1703	21	WI
9Q5NW	21251	1957	26	CT
A22BW	21295	1820	28	PA
A92EV *	21234	1321	17	MD
AH2AN	21246	1745	17	MA
AH2AS	21245	2320	17	CA
C9MKT	21380	1905	30	VA
CN8DQ	21291	1801	29	MA
CQ5NH	21242	1547	22	CA
FH8CB	21290	1808	1	PA
HKØHEU	21380	1815	30	VA
HV3SJ	21292	1162	28	DE
HZ1AB	21287	1404	26	FL
KH3/ WH6BLQ	21286	2105	30	VA
S79D	21245	1820	26	CT
S92LB	21294	1650	25	PA
T77M	21226	1516	28	MN
TA2L	21243	1150	29	FL
TL8KH	21345	2012	27	FL
VP5/WW6F	21301	1543	30	VA
Z21BA	21244	1850	26	OH
Z21BN	21303	1859	29	PA
Z21JE	21258	1930	20	PA
ZB2IP	21245	1412	24	MD
ZD7JD	21228	1834	27	NC
ZD8MAC	21207	1845	30	VA
ZD8RP	21260	1940	27	PA
ZS21RSA	21302	2000	30	CA
-----12 Meters-----				
CT6LN	24091	1600	15	NH
DK4SY	24902	1553	26	FL
EI4CL	24892	1528	26	CT
-----10 Meter CW-----				
5L7M	28021	1940	27	CA
5N9/ KC7RD	28026	1704	27	MA
9J2BD	28030	1425	27	TN
9Q5DA	28023	1704	27	MN
CEØFFD	28024	1550	27	CT
LU1ZA	28028	2030	26	CA
ST2/ PAØGAM	28024	1441	27	CT
-----10 Meter SSB-----				
5L8BS	28534	1745	26	OH
5T5AU	28500	1600	26	OH
5T5NU	28500	1632	26	PA

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

Bandpass cont. on page 2

8 00498 88/10
A A LAUN K3ZO
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

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CALENDAR

Issue 416 - Dec. 11, 1987

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 7Ø02 at 15ØØZ	I415
Antarctica - ZL6	ZL6BA (VK7ZSJ) Dec.	I4Ø6
Auckland - ZL9	Feb. 88 by ZL1AMO	I4Ø2
Belize - V3	CW by NN7A Jan 3-7	I415
Botswana - A2	A22RB 1Ø, 15 SSB	I415
	A22BW RTTY 21Ø89 kHz	I415
	A22EE 28Ø4Ø6 143ØZ	I416
China - BY	BY4WNG 4Ø, 75M	I412
Christmas - VK9X	VK9YD/VK9X Dec 19-22	I416
Cocos-Keeling	VK9YV, YH Nov 25-Dec	I4Ø6
	VK9YE Dec. 8-15	I411
	75M 115Ø, 23ØØZ	I416
	VK9YD Dec. 22-28	I416
Geneva - 4U1ITU	by K8GG Dec. 12-14	I416
Grenada - J3	Feb-Mar by K4LTA	I4Ø6
Guinea-Bissau J5	by K8MN soon (?)	I415
Heard Is. - VKØ	VKØHI Now - May	I4Ø5
	14250 Ø33ØZ list	I416
India - VU	3696-99 14ØØZ+	I414
Jan Mayen - JX	JX8XY to March	I416
Kampuchea - XU	XU1SS 14165 12ØØZ	I412
Maldives - 8Q	HB9DCO to Dec. 13	I413
Marion Is. - ZS8	by VE3FXT Feb. (?)	I415
Marshall Is. - KX	KX6DS 7Ø02 at Ø9ØØZ	I4Ø8
	1833 kHz at 1ØØØz	I41Ø
Mauritius - 3B	3B8CF 7Ø05 Ø2, 13Z	I4Ø7
	1832 kHz at Ø13ØZ	I4Ø9
Mayotte - FH	FH8CB 14160 22ØØZ	I413
Morocco - CN	CN8FC 7Ø13 at 22ØØZ	I414
Nepal - 9N	9N5YDY Dec. 21-29	I414
	Colvins Dec. 25+	I416
N. Antilles - PJ	PJ2/W1BIH Jan 1Ø+	I416
New Caledonia FK	TO8K- calls in Dec.	I412
Niue - ZK2	ZK2JS, MB Feb 21-26	I415
Niger - 5U	TU4BR/5U7 14160 21Z	I4Ø7
Sierra Leone 9L	9L1GG 14Ø13 at 22ØØZ	I4Ø4
	21Ø25-3Ø 2ØØZ+	I412
South Orkney LU/Z	LU1ZA 7Ø07 Ø1-Ø4ØØZ	I4Ø5
Sri Lanka - 4S	by JA8RUZ Jan 1-8	I414
Sudan - ST	PAØGAM/ST2 14Ø24 kHz	I4Ø1
	35Ø1,3512, 4ØM Ø2ØØZ	I4Ø6
Syria - YK	OH6XY/4U active now	I416
Tanzania - 5H	5H1HK Zanzibar AF-32	I414
Turkey - TA	TA2L 21243 at 15ØØZ	I416
Vatican - HV	HV1CN 14265 11-12ØØZ	I415
Zaire - 9Q	9Q5NW 1418Ø 2ØØØZ, also	
	9Q5YL. Try 2125Ø kHz	I399
Zimbabwe - Z2	Z24JS 21Ø4Ø 18Z Sun.	I4Ø8
Zone 2	VE8CDX to Dec. 15	I414
	UA3CR/VE8 on NA-47	I415
Zone 23	BY9GA 2ØM RTTY Ø13ØZ	I416

DX Activities and Contests

Date	Event or Activity	Info
Dec. 12-13	ARRL 1Ø Meter Test	QST
Dec. 31	TDXB Band Country total deadline	
1988		
Jan. 2-3	73 Mag 1ØM SSB Test	73
Jan 9,1Ø	73 Mag 15, 2Ø M SSB	73
Jan 16-17	73 Mag 16ØM Test	73
Jan 23,24	73 Mag 4Ø, 75 M SSB	73
Jan 29-31	CQWW 16ØM CW Test	CQ

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: N4XX, KH6BZF, AB8K, HH4LM, KØCVD, K1MEM, K1TG, K6IR, KA1XN, KA6SAR, KA7T, KA8JZR, KD7SO, KE7X, KJ4GK, KT1N, KV4AM, KWØA, N1DYI, N1HN, N4CWL, N4NO, N4PKL, N4QAJ, NCDXC, NW6P, WØLHS, W1BFT, W1FV, W1HH, W1HZ, W1NG, W1NH, W1SD, W3FME, W3HCW, W4PC, W4VQ, W6BJI, W6JOX, W6UQF, W8MEP, W9DH, WA1WTP, WA6FIT, WB3AVN, WB6AFJ, WB8SFF, WK6E, WW6D, K8GG, W1AW, W6QL, W6KG, W1AX, WA4QMQ, 9V1WZ, The DXer, DX-NL, and Japan DX News. Many thanks to all!